

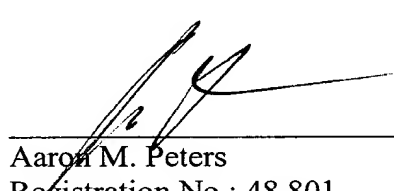


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PATENT
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GROUP ART UNIT 2182

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Christensen et al.)	I hereby certify that this paper is being
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Title: Probing Algorithm for Foundation)	Commissioner for Patents P.O. Box 1450,
Fieldbus Protocol)	Alexandria, Virginia 22313-1450, on the
)	date indicated: February 15, 2005.
Filed: September 8, 2000)	
)	
Group Art Unit: 2182)	
)	
Examiner: PATEL, Niketa I.)	
)	
Atty. Docket Number: 06005/36805)	
)	Aaron M. Peters
)	Registration No.: 48,801
Customer No.: 04743)	Attorney for Applicants
)	

**AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION
DATED DECEMBER 15, 2004**

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

In response to the Office action dated December 15, 2004, the Applicants respectfully request that the application be reconsidered in light of the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 11 of this paper.